

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: J. C. Russell

Group Art No.: Not yet assigned

Serial No.: Not yet assigned

Examiner: Not yet assigned

Filed: January 31, 2002

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Title: MACROMOLECULAR
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Case No.: 6885.US.O1

Date of Deposit: February 1, 2002

February 1, 2002
Julie Freeman Date

JC978 U.S. PTO
10/062131
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INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 AND 1.98

Box Patent Applications
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Applicants submit the enclosed information pursuant to 37 C.F.R. §§ 1.97 and 1.98 and in accordance with Applicants' duty of disclosure under C.F.R. § 1.56.

The references are listed on the attached form PTO-1449, and a copy of each is enclosed.

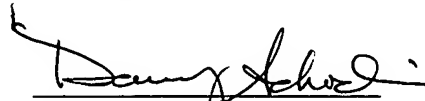
Applicants respectfully request the Examiner to place his initials next to each reference listed on the enclosed PTO-1449 form in the space provided, thereby indicating that the reference was considered. Applicants further request the Examiner to send Applicants a copy of the initialed PTO-1449 form.

The Commissioner is hereby authorized to charge any additional Filing Fees required under 37 C.F.R. § 1.16, as well as any patent application processing fees under 37 C.F.R. §

1.17, and any other fees which may be due, associated with this communication for which full payment has not been tendered, to Deposit Account No. 01-0025.

ABBOTT LABORATORIES
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Respectfully submitted,
J. C. Russell, et al.

A handwritten signature in black ink, appearing to read "David J. Schoon", written over a horizontal line.

David J. Schoon
Registration No. 41,294
Agent for Applicants

Form PTO - 1449 (Modified)

DATE: January 31, 2002 SHEET 1_ of 1_

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02/01/02

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98 (b))	ATTY. DOCKET NO.	SERIAL NO.
	6885.US.O1	Not yet assigned
	APPLICANT(S)	
	J. C. Russell	
	FILING DATE	GROUP
	February 1, 2002	Not yet assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	INVENTOR	CLASS	SUB CLASS	FILING DATE
	AA	5,057,313	10/15/1991	Shih, et al.			
	AB	5,082,928	01/21/1992	Best			
	AC	5,437,979	08/01/1995	Rampal, et al.			
	AD	5,571,490	11/05/1996	Bronicki, et al.			
	AE	6,208,107	03/27/2001	Maske, et al.			
	AF	6,252,053	06/26/2001	Ohbayashi, et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLIC- ATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANS- LATION
							YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	AG ✓	CARUTHERS, M. H., "Gene Synthesis Machines: DNA Chemistry and Its Uses", Science, USA, 230(4723), pp. 281-285 (October 1985)
	AH ✓	DUNCAN, R.J. <i>et al.</i> , "A New Reagent Which May Be Used to Introduce Sulfhydryl Groups into Proteins, and Its Use in the Preparation of Conjugates for Immunoassay", Analytical Biochemistry, United Kingdom, 132(1), pp. 68-73 (July 1983)
	AI ✓	HEINDEL, N.D., <i>et al.</i> , "A Novel Heterobifunctional Linker for Formyl to Thiol Coupling" Bioconjugate Chemistry, USA, 2(6), pp. 427-430 (November-December 1991)
	AJ	HERMANSON, G. T., Bioconjugate Techniques, USA, pp. 23-26; 139-140, 148, 159, 460-490 (1995)
	AK ✓	MERRIFIELD, R.B., "Solid Phase Peptide Synthesis. I. The Synthesis of a Tetrapeptide", Journal of American Chemical Society, USA, 85, pp. 2149-2154 (July 1963)
	AL ✓	MERRIFIELD, R.B., <i>et al.</i> , "Automated Peptide Synthesis", Nature, USA, 207(996), pp. 522-523 (July 1965)
	AM ✓	OHNISHI, M., <i>et al.</i> , "Heterobifunctional Reagents for Cross-Linking of Sugar with Protein", Chemical Pharmaceutical Bulletin, JAPAN, 33(2) pp. 674-678 (1985)
	AN ✓	PLANTE, O. J., <i>et al.</i> , "Automated Solid-Phase Synthesis of Oligosaccharides" ONLINE publication of Science, USA, 291, pp. 1523-1527 (February 2001)
	AO ✓	POWERS, G. J., <i>et al.</i> , "Optimal Strategies for the Chemical and Enzymatic Synthesis of Bihelical Deoxyribonucleic Acids", Journal of American Chemical Society, USA, 97(4), pp. 875-884 (February 1975)
	AP ✓	TANIMORI, H., <i>et al.</i> , "Enzyme Immunoassay of Neocarzinostatin Using β -Galactosidase as Label", Journal of Pharmacobiodyn, JAPAN, 4, pp. 812-819 (October 1981)
	AQ	TIJJSSEN, P., "Preparation of enzyme-antibody or other enzyme-macromolecule conjugates", Laboratory Techniques in Biochemistry and Molecular Biology, The Netherlands, pp. 221-279 (1958)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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